

Claims

[1] 1. A method for preparing a tamsulosin HCl sustained-release tablet, which comprises the steps of:

(A) dissolving tamsulosin HCl in a solvent and then dissolving a first hydroxypropylmethylcellulose phthalate in the tamsulosin HCl to prepare a binder solution; and

(B) kneading the binder solution with an excipient mixture comprising a second hydroxypropylmethylcellulose phthalate and glyceryl dibehenate, and granulating the kneaded material.

2. The method of Claim 1, which further comprises the step (C) of drying and then sieving the granulated material, after the kneading and granulating step (B).

3. The method of Claim 1 or 2, which further comprises the additional excipient-adding step (D) of adding at least one substance selected from the group consisting of a third hydroxypropylmethylcellulose phthalate, hydroxypropylmethylcellulose and corn starch, to the granules, after the kneading and granulating step (B) or the sieving step (C).

4. The method of Claim 1 or 2, wherein the solvent is at least one selected from the group consisting of ethanol, methylene chloride and water.

5. The method of Claim 1 or 2, wherein the first hydroxypropylmethylcellulose phthalate in the binder solution-preparing step (A) is added at the amount of 25-120 parts by weight relative to one part by weight of tamsulosin HCl, and the second hydroxypropylmethylcellulose phthalate in the kneading and granulating step (B) is added at the amount of 100-350 parts by weight relative to one part by weight of tamsulosin HCl.

6. The method of Claim 1 or 2, wherein the glyceryl dibehenate in the kneading and granulating step (B) is added at the amount of 25-150 parts by weight relative to one part by weight of tamsulosin HCl.

7. The method of Claim 4, wherein the solvent is added at the amount of 180-300 parts by weight relative to one part by weight of tamsulosin HCl.

8. The method of Claim 3, wherein, at the excipient-addition step (D), the third hydroxypropylmethylcellulose phthalate, if used, is added at the amount of 5-80 parts by weight relative to one part by weight of tamsulosin HCl, the hydroxypropylmethylcellulose, if used, is added at the amount of 10-300 parts by weight relative to one part by weight of tamsulosin HCl, and the corn starch, if used, is

added at the amount of 10-300 parts by weight relative to one part by weight of tamsulosin HCl.

9. The method of Claim 1 or Claim 2, wherein lactose is added in the kneading and granulating step (B) at the amount of 300-700 parts by weight relative to one part by weight of tamsulosin HCl.
10. A tamsulosin HCl sustained-release tablet prepared by the method of Claim 1, 2, 7 or 8.